

Amendments to the Specification:

Please replace the paragraph beginning at page 103, line 11, with the following rewritten paragraph:

Page 103, line 11, to Page 106, line 12:

Specific examples of the copolymerizable monomer (F-4) include bisphenol F EO denaturalized (n=2 to 50) diacrylate, bisphenol A EO denaturalized (n=2 to 50) diacrylate, bisphenol S EO denaturalized (n=2 to 50) diacrylate, 1,6-hexandiol diacrylate, neopentylglycol diacrylate, ethyleneglycol diacrylate, pentaerythritol diacrylate, trimethylolpropane triacrylate, pentaerythritol triacrylate, dipentaerythritol hexa acrylate, tetramethylol propane tetra acrylate, tetraethyleneglycol diacrylate, 1,6-hexanediol dimethacrylate, neopentylglycol dimethacrylate, ethyleneglycol dimethacrylate, pentaerythritol dimethacrylate, trimethylol propane trimethacrylate, pentaerythritol trimethacrylate, dipentaerythritol hexamethacrylate, tetramethylol propane tetramethacrylate, tetraethyleneglycol dimethacrylate, methoxydiethyleneglycol methacrylate, methoxypolyethyleneglycol methacrylate, 8-metachroyl oxyethyl hydrogen phthalate, 8-metachroyl oxyethyl hydrogen succinate, 3-chloro-2-hydroxypropyl methacrylate, steallyl methacrylate, phenoxyethyl acrylate, phenoxydiethyleneglycol acrylate, phenoxypolyethyleneglycol acrylate, 8-acryloyloxtethyl hydrogen succinate, lauryl acrylate, ethyleneglycol dimethacrylate, diethyleneglycol dimethacrylate, triethyleneglycol dimethacrylate, polyethyleneglycol dimethacrylate, 1,3-buthyleneglycol dimethacrylate, 1,6-hexanediol dimethacrylate, neopentylglycol dimethacrylate,.

polypropyleneglycol dimethacrylate, 2-hydroxy-1,3
dimethachroxypropane, 2,2-bis [4-(methachroxyethoxy)phenyl]
propane, 2,2-bis [4-(methachroxy diethoxy) phenyl] propane, 2,2-bis
[[4-(methachroxy polyethoxy) phenyl] propane, polyethyleneglycol
diacrylate, tripropyleneglycol diacrylate, polypropyleneglycol
diacrylate, 2,2-bis [4-(acryloxy diethoxy) phenyl] propane, 2,2-bis [4-
(acryloxy polyethoxy) phenyl] propane, 2-hydroxy-1-acryloxy3-
methachloxy propane, trimethylol propane trimethacrylate,
tetramethylol methane triacrylate, tetramethylol methane
tetraacrylate, methoxy dipropyleneglycol methacrylate,
methoxytriethyleneglycol acrylate, nonylphenoxypolyethyleneglycol
acrylate, nonylphenoxypolypropyleneglycol acrylate, 1-
acryloyloxypropyl-2-phthalate, isosteallyl acrylate,
polyoxyethylenealkylether acrylate, nonylphenoxyethyleneglycol
acrylate, polypropyleneglycol dimethacrylate, 1,4-butanediol
dimethacrylate, 3-methyl-1,5-pentanediol dimethacrylate, 1,6-
mexanediol dimethacrylate, 1,9-nonanediol methacrylate, 2,4-diethyl-
1,5-pentanediol dimethacrylate, 1,4-cyclohexanedimethanol
dimethacrylate, dipropyleneglycol diacrylate, tricyclodecanedimethanol
diacrylate, 2,2-hydrogenerated bis [4-(acryloxy polyethoxy) phenyl]
propane, 2,2'-bis [4-(acryloxy polypropoxy) phenyl] propane, 2,2-bis [4-
(acryloxy polyethoxy) phenyl] propane, 2,4-diethyl-1,5-pentanediol
diacrylate, ethoxylated tothymethylolpropane triacrylate, propoxylated
tothymethylolpropane triacrylate, isocyanuric acid tri(ethaneacrylate),
pentathritol tetra acrylate, ethoxylated pentathritol tetra acrylate,
propoxylated pentathritol tetra acrylate, ditrimethylolpropane tetra
acrylate, dipentaerythritol polyacrylate, isocyanuric acid triallyl,
glycidyl methacrylate, glycidyl allylether, 1,3,5-triacryloylhexahydro-s-
triazine, triallyl1,3,5-benzenecarboxylate, triallyl amine, triallyl

citrate, triallyl phosphate, allobarbital, diallyl amine, diallyl dimethyl silane, diallyl disulfide, diallyl ether, ~~allyl maleate~~ diallyl cyanulate, diallyl isophthalate, diallyl terephthalate, 1,3-diallyloxy-2-propanol, diallyl sulfide diallyl maleate, 4,4'-isopropyliden diphenol dimethacrylate, 4,4'-isopropyliden diphenol diacrylate, and the like, but the copolymerizable monomer (F-4) is not limited to them. In order to improve the cross-linked density, it is particularly preferable to use a bifunctional or further multifunctional monomer. Note that, the EO denaturalization is an ethyleneoxide denaturalized portion.